



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Sunday June 21, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



- **Numerous severe storms today for OK w/ isolated to scattered severe storms in AR/TX/LA. Isolated heavy rainfall for OK/N TX.**
- **A few severe thunderstorms and isolated heavy rain/flash flooding Monday for portions of TX/OK/AR.**
- **Isolated severe storms & heavy rain/flash flooding Tuesday for AR/LA/NE TX/SE OK. Isolated severe storms for NE NM into the TX/OK Panhandles.**

# FEMA Region 6 Threat Matrix

Jun 21, 2020 - Jun 25, 2020



**SR ROC**  
REGIONAL OPERATIONS CENTER

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	N OK	OK/NW AR/ TX Panhandle	S AR/LA/ETX		
	OK/NW AR/ TX Panhandle	S OK/AR/W&NTX	NE NM into TX/OK Panhandles		
Heavy Rain / Flash Flooding	OK/NTX	OK/NTX	AR/LA/NE TX/SE OK		
		AR			
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

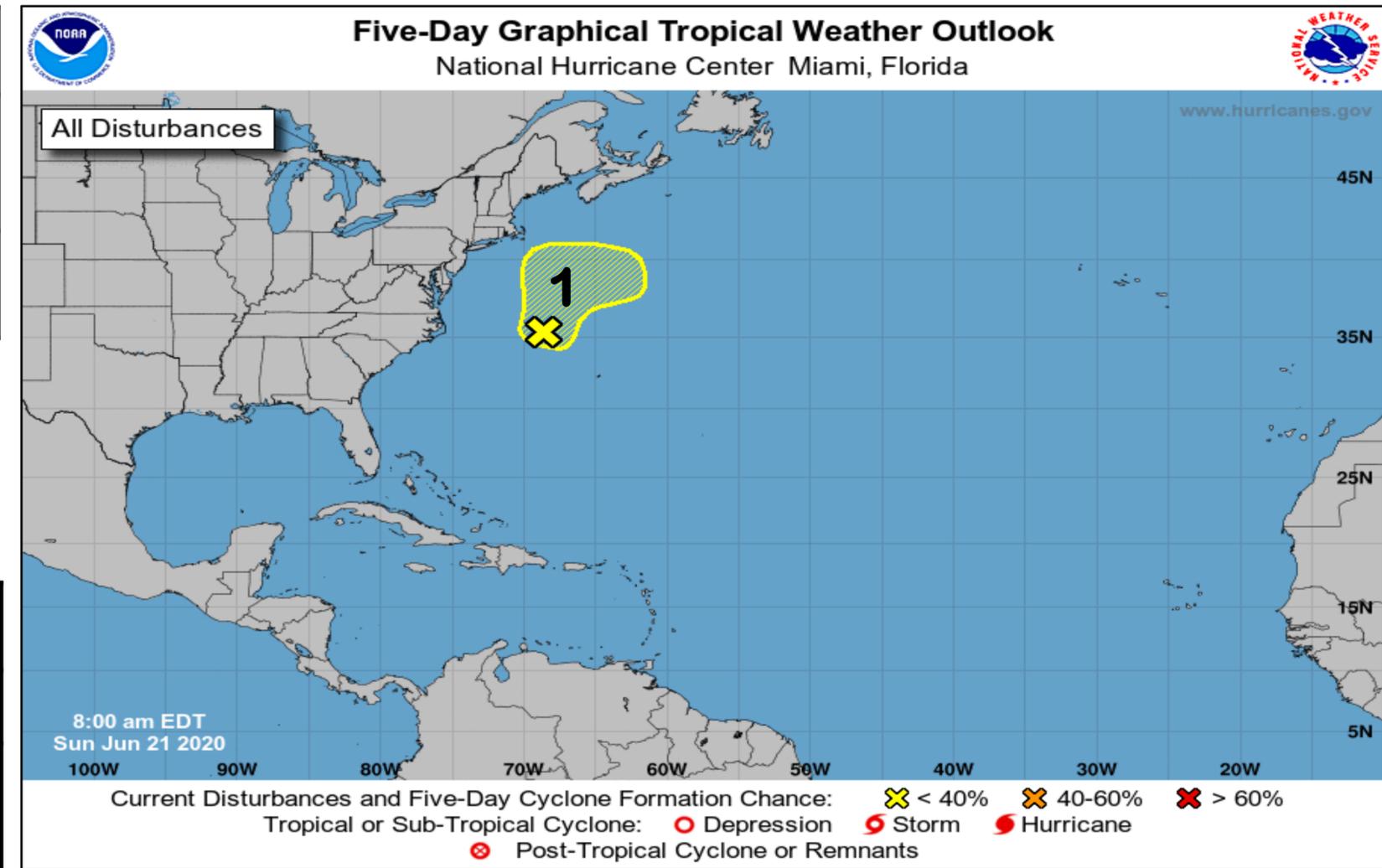


## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



# 5-Day Precipitation Forecast & River Flood Status

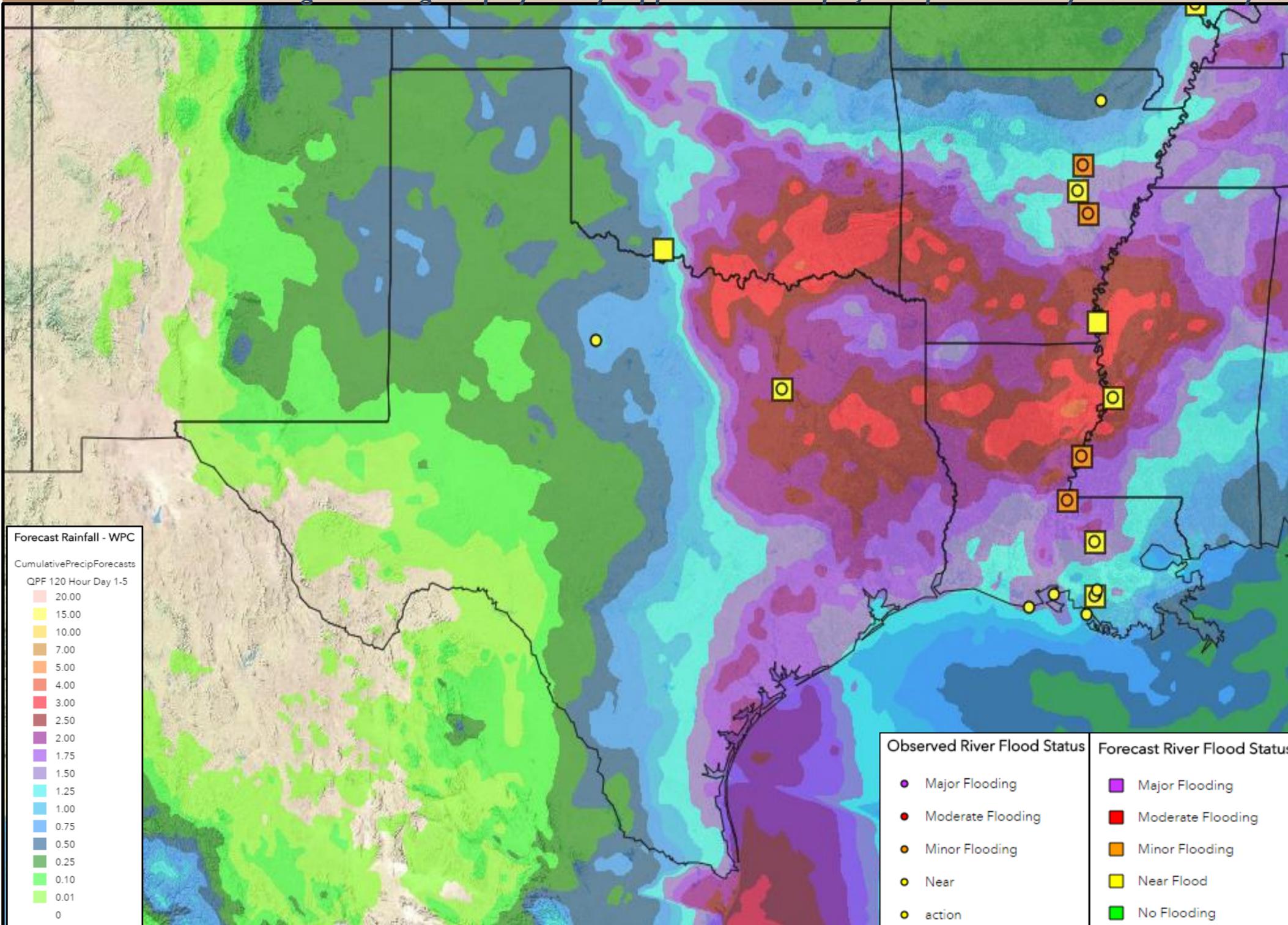


SR ROC  
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

**Portions of the White River in E AR remain in minor flood stage with impacts primarily to farmland.**

**The Lower MS River continues in minor flood stage. Impacts are to access roads, river traffic, and industrial activity on the river.**



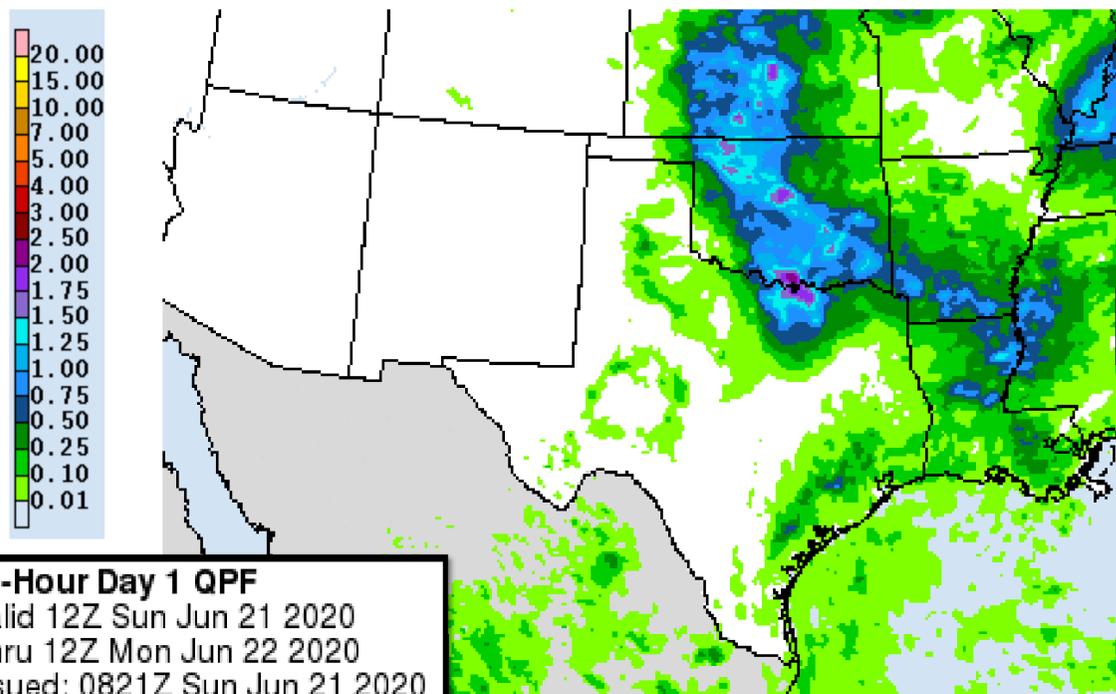
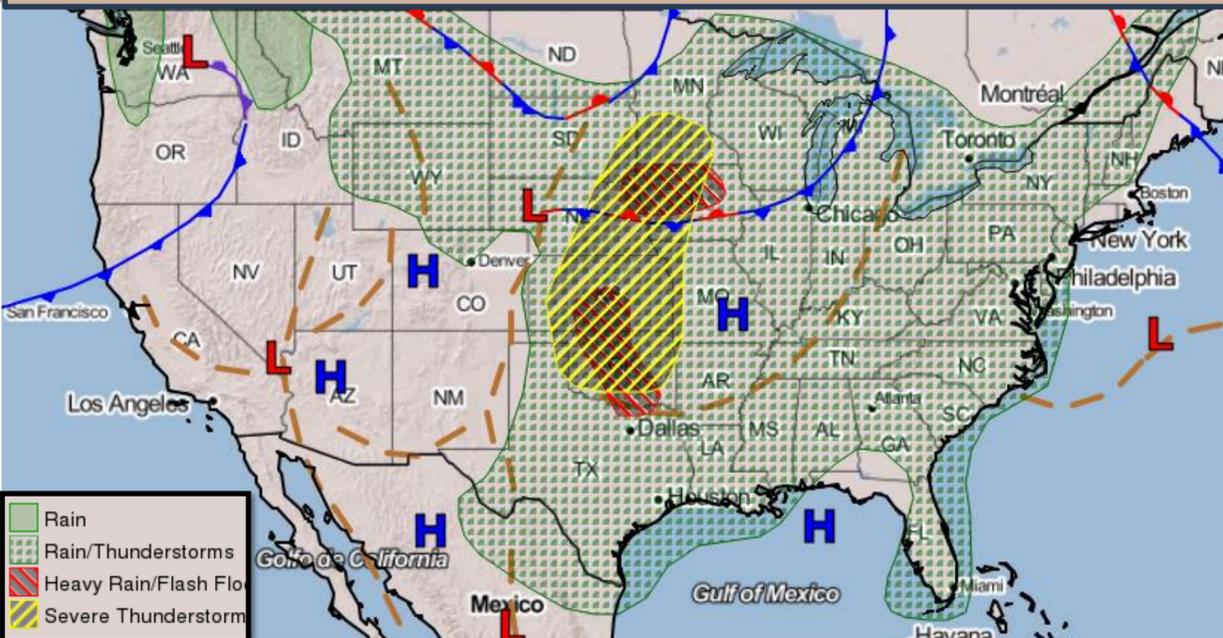
# Today's Weather



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall



Weather Valid 8am EDT Sun Jun 21 2020 to 8am EDT Mon Jun 22 2020  
Fronts Valid 8am EDT Sun Jun 21 2020  
Issued 3:38 AM EDT Sun, Jun 21, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santorelli with WPC/SPC/NHC forecasts.

**24-Hour Day 1 QPF**  
Valid 12Z Sun Jun 21 2020  
Thru 12Z Mon Jun 22 2020  
Issued: 0821Z Sun Jun 21 2020

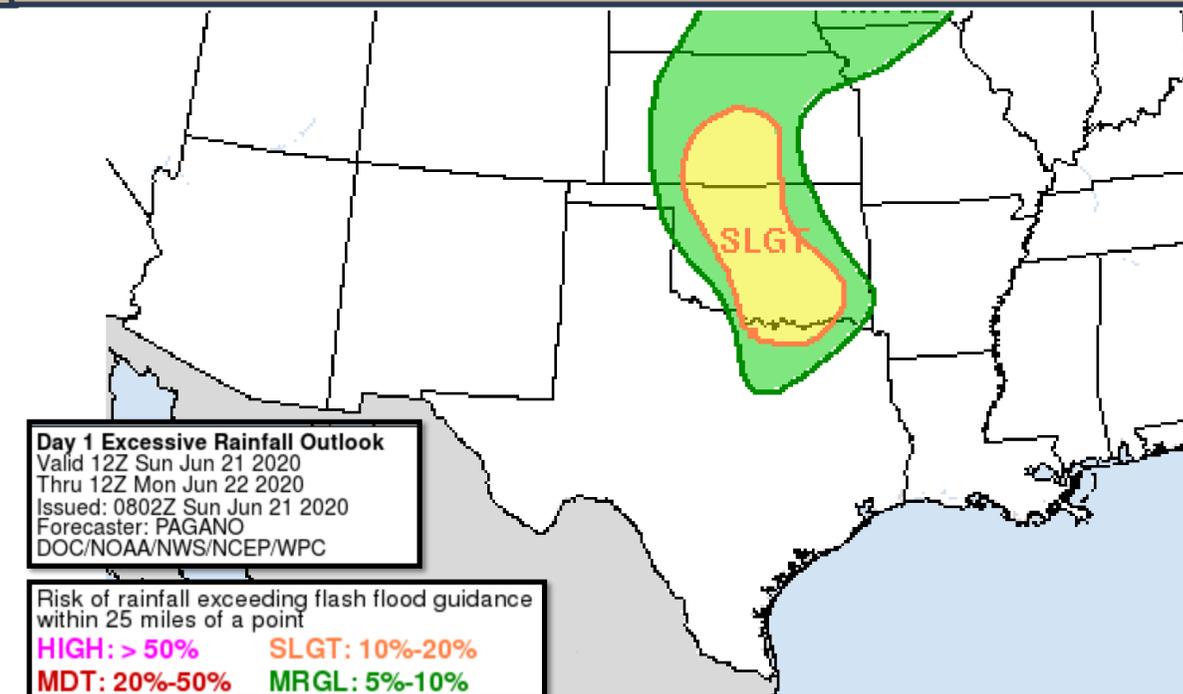
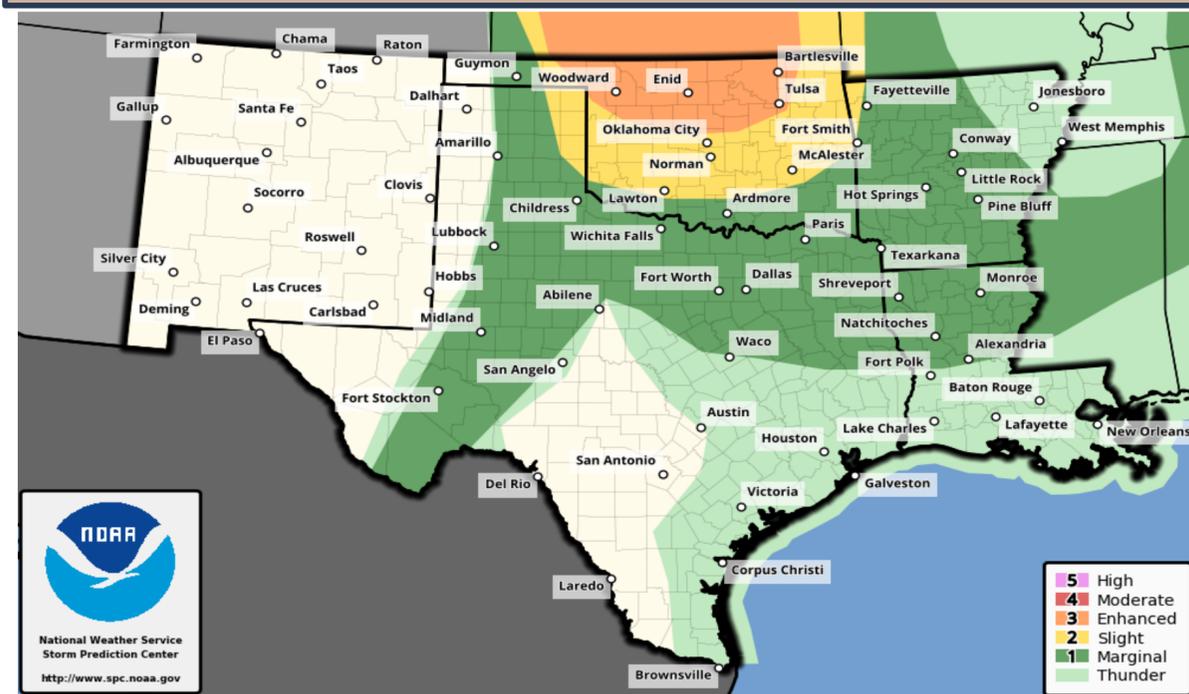
**Numerous severe thunderstorms across northern OK. Large hail and damaging wind gusts will be the greatest threat but a few tornadoes are possible.**

**Isolated to scattered severe storms across much of the rest of OK into NW AR and the eastern TX Panhandle. Large hail and damaging winds are the main threats. A tornado or two possible.**

**Isolated heavy rainfall and flash flooding across OK/NTX.**

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 1 Excessive Rainfall Outlook**  
Valid 12Z Sun Jun 21 2020  
Thru 12Z Mon Jun 22 2020  
Issued: 0802Z Sun Jun 21 2020  
Forecaster: PAGANO  
DOC/NOAA/NWS/NCEP/WPC

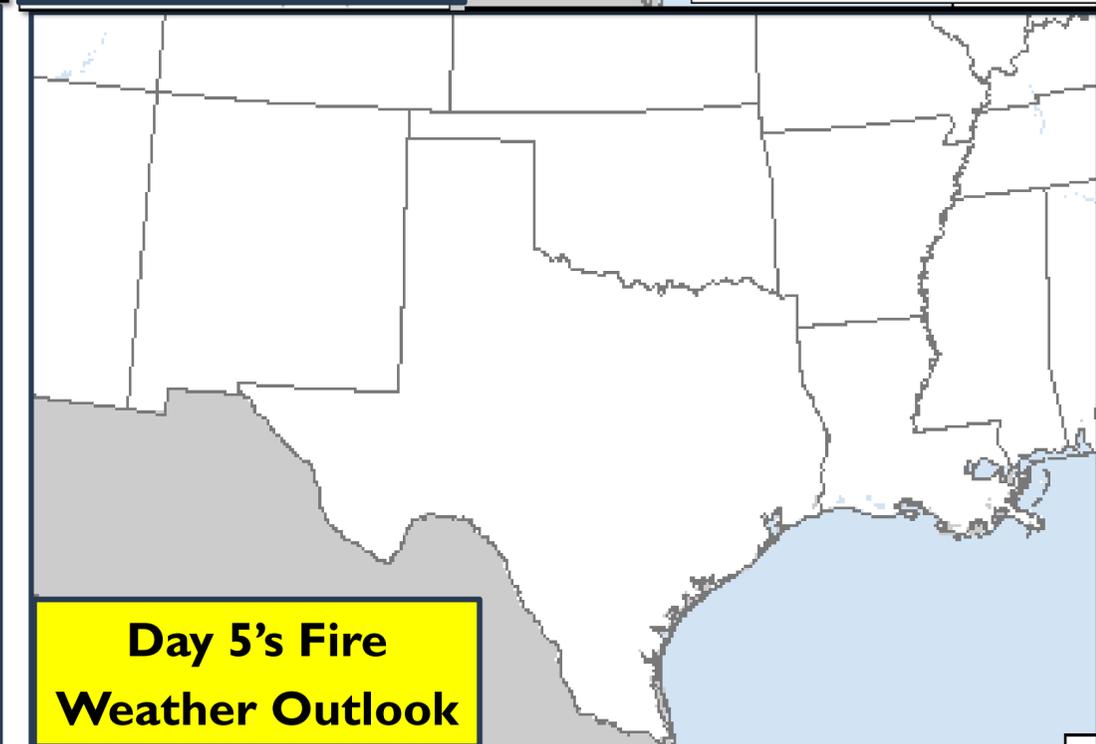
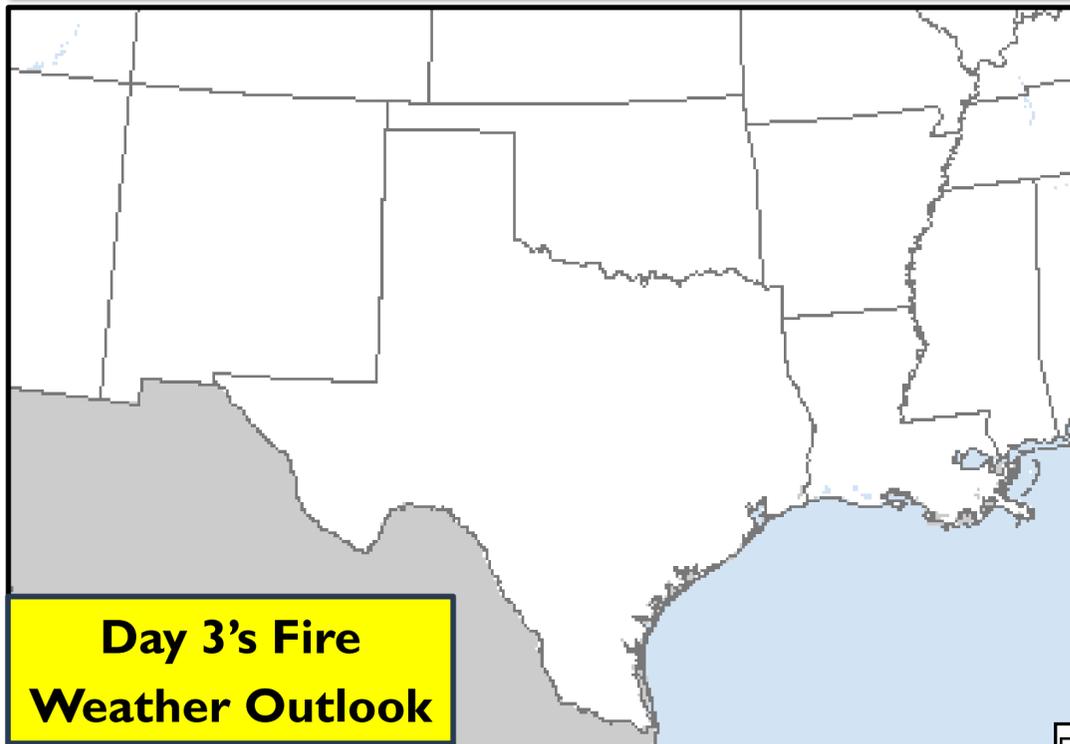
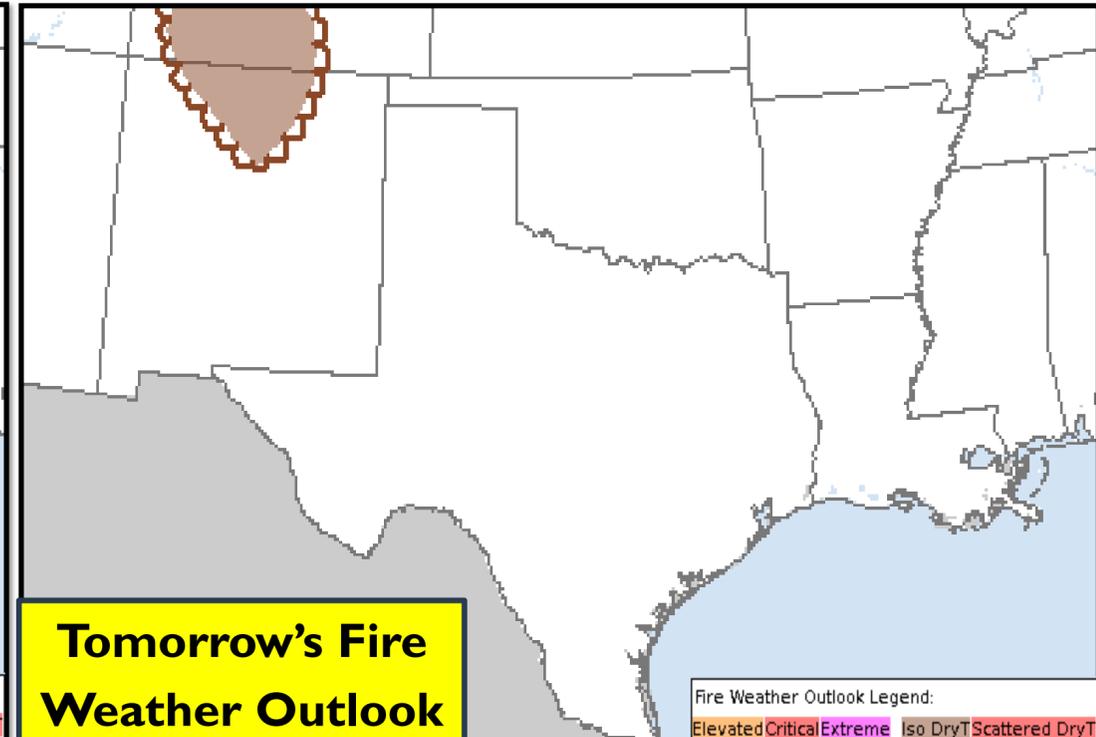
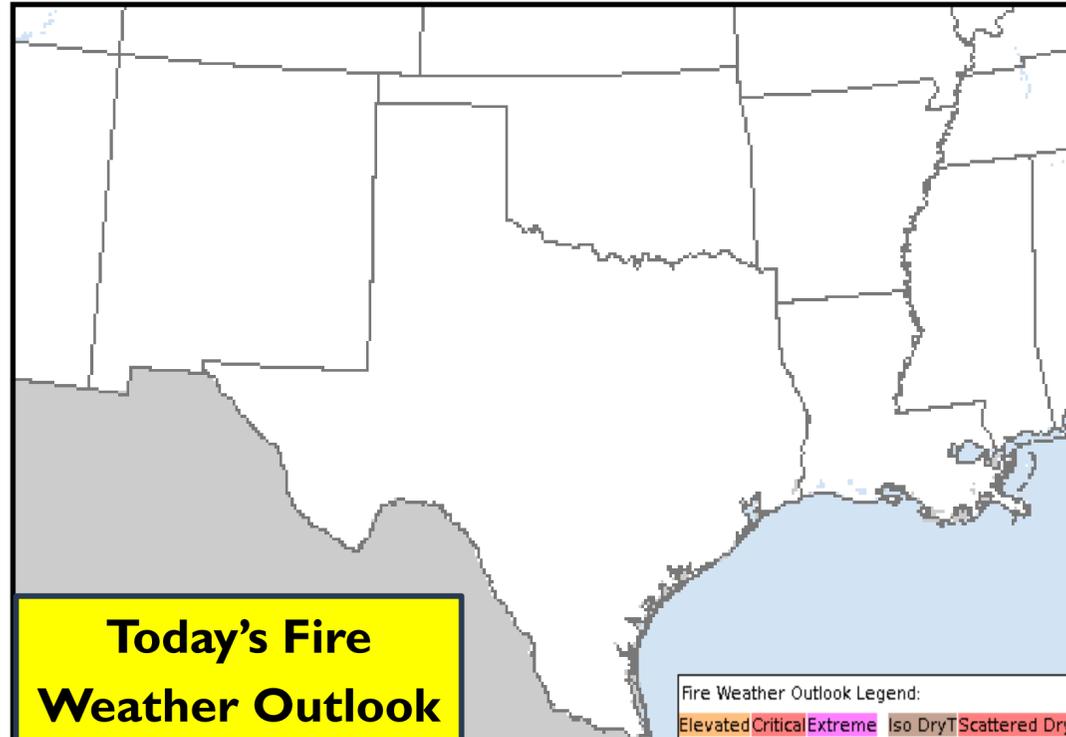
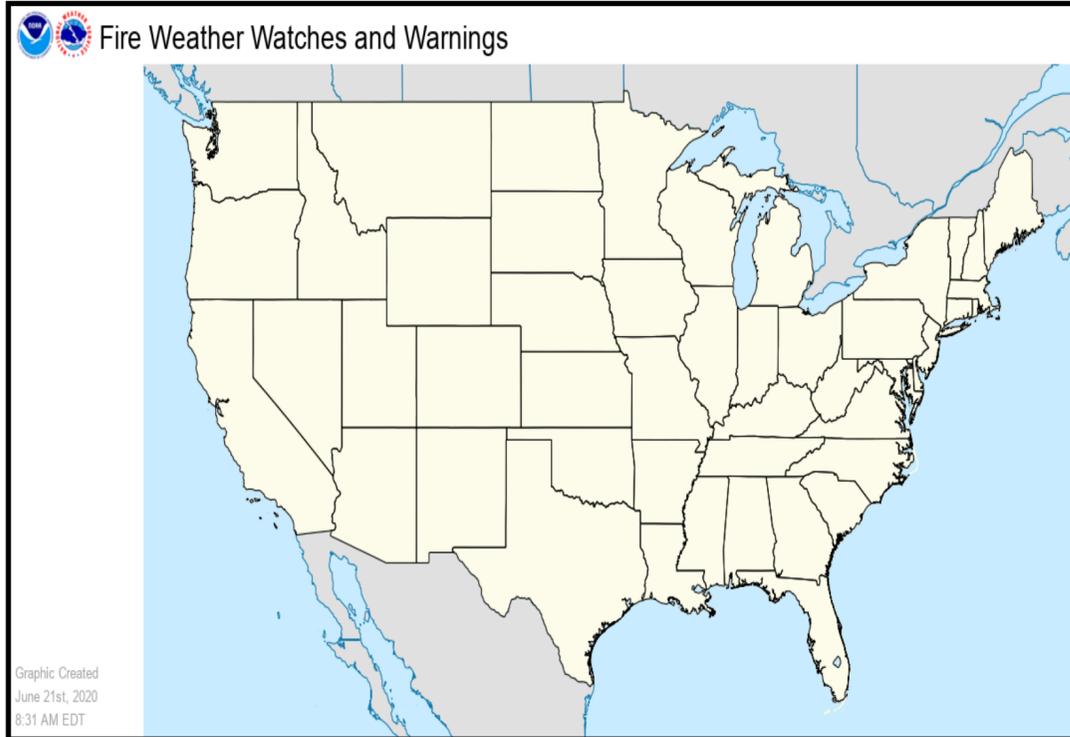
Risk of rainfall exceeding flash flood guidance within 25 miles of a point

<b>HIGH: &gt; 50%</b>	<b>SLGT: 10%-20%</b>
<b>MDT: 20%-50%</b>	<b>MRGL: 5%-10%</b>

# Fire Weather Outlooks



SR ROC  
REGIONAL OPERATIONS CENTER

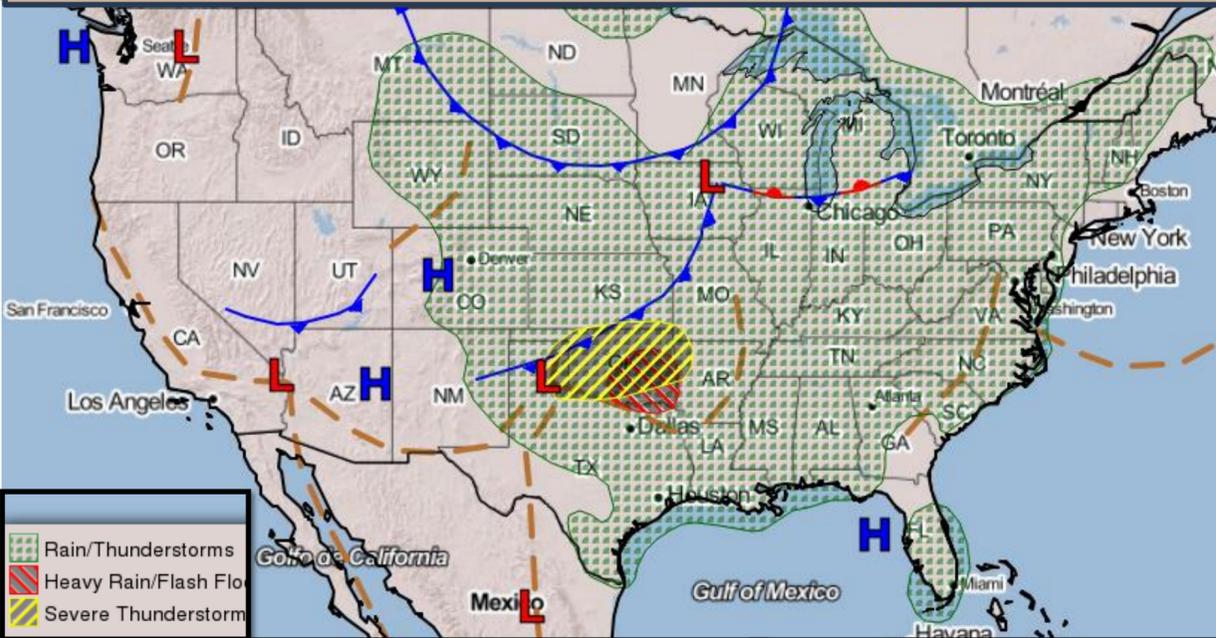


# Tomorrow's Weather



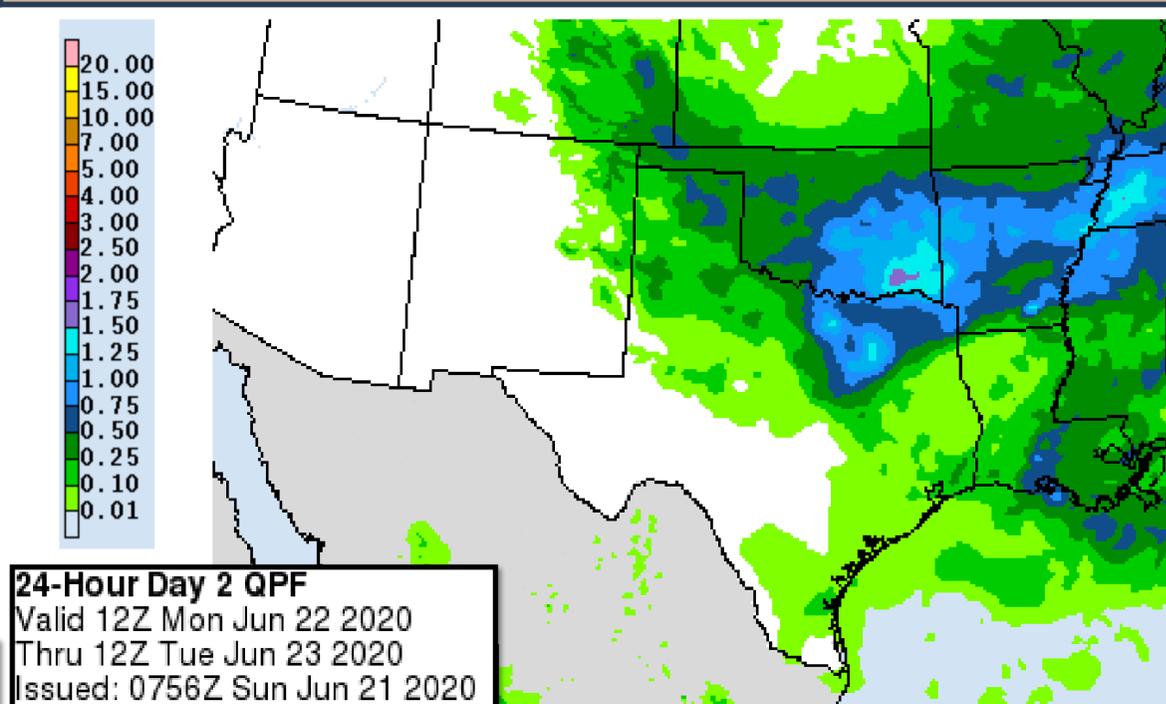
**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart



Weather Valid 8am EDT Mon Jun 22 2020 to 8am EDT Tue Jun 23 2020  
Fronts Valid 8am EDT Mon Jun 22 2020  
Issued 4:55 AM EDT Sun, Jun 21, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

## Forecast Rainfall



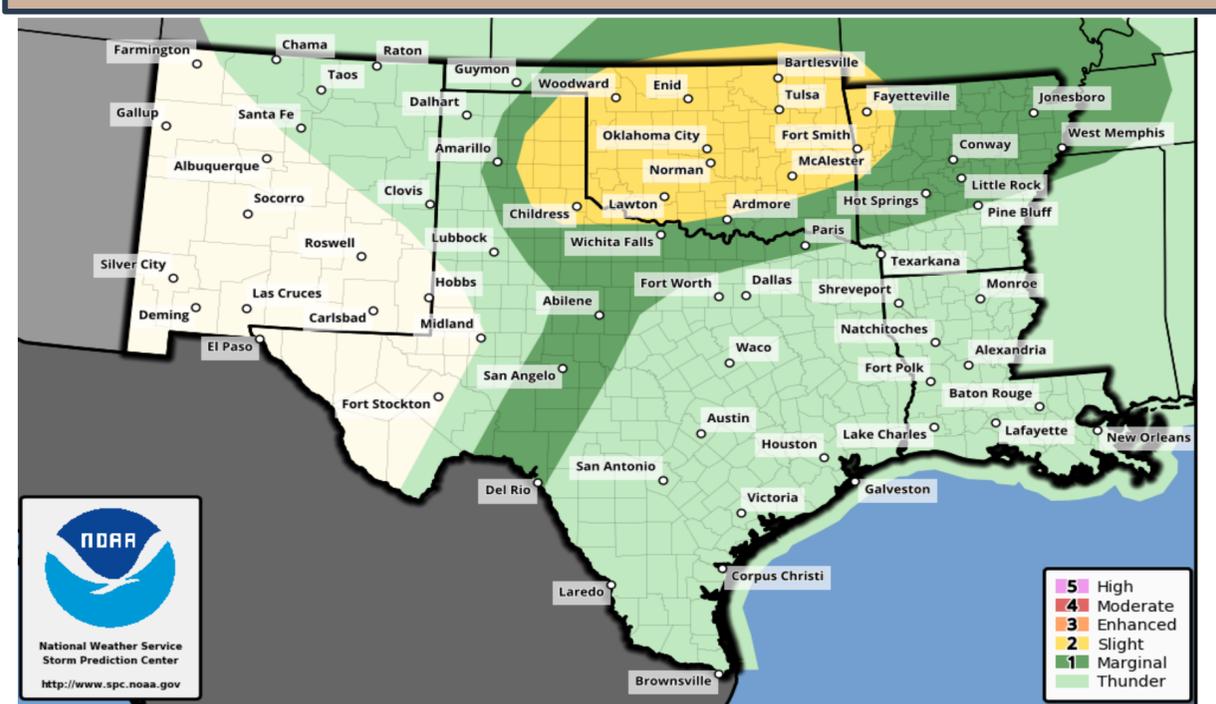
**24-Hour Day 2 QPF**  
Valid 12Z Mon Jun 22 2020  
Thru 12Z Tue Jun 23 2020  
Issued: 0756Z Sun Jun 21 2020

**A few severe thunderstorms Monday afternoon and evening from the eastern Texas Panhandle into OK & NW AR. Wind damage and isolated large hail will be the primary threats.**

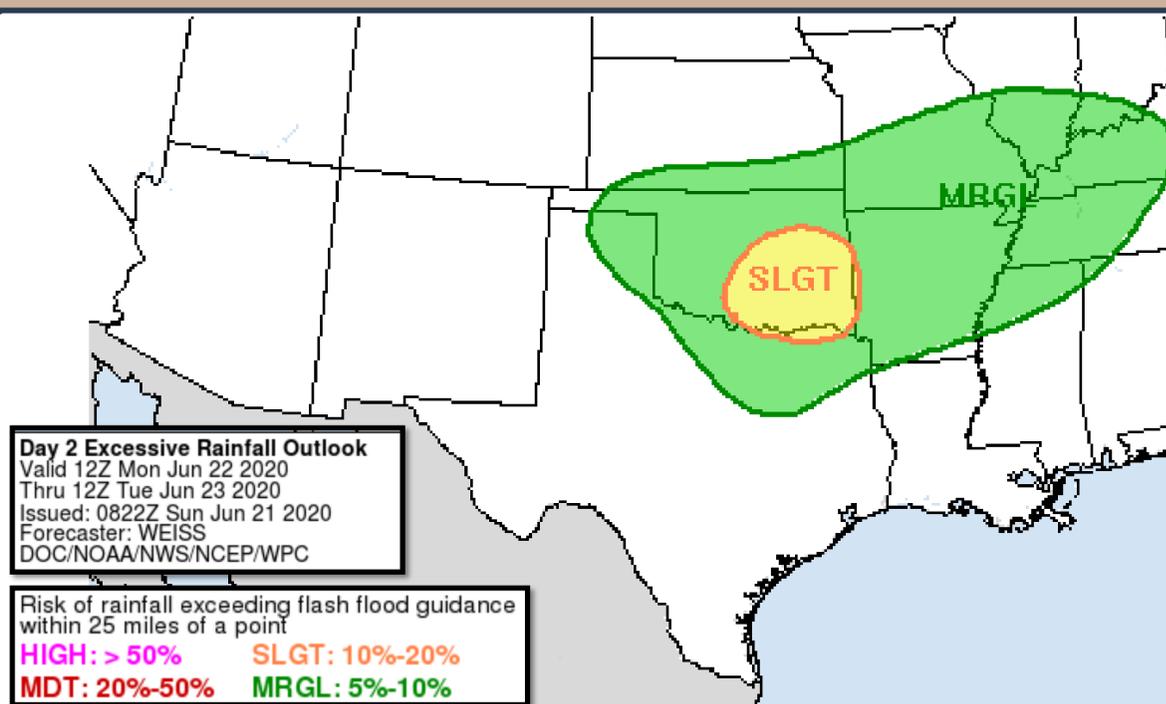
**Isolated severe storms with damaging winds/hail for W&N TX into southern OK and AR.**

**Isolated heavy rain/flash flooding for OK/N TX/AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Mon Jun 22 2020  
Thru 12Z Tue Jun 23 2020  
Issued: 0822Z Sun Jun 21 2020  
Forecaster: WEISS  
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point  
**HIGH: > 50%**    **SLGT: 10%-20%**  
**MDT: 20%-50%**    **MRGL: 5%-10%**

# Tuesday's Weather



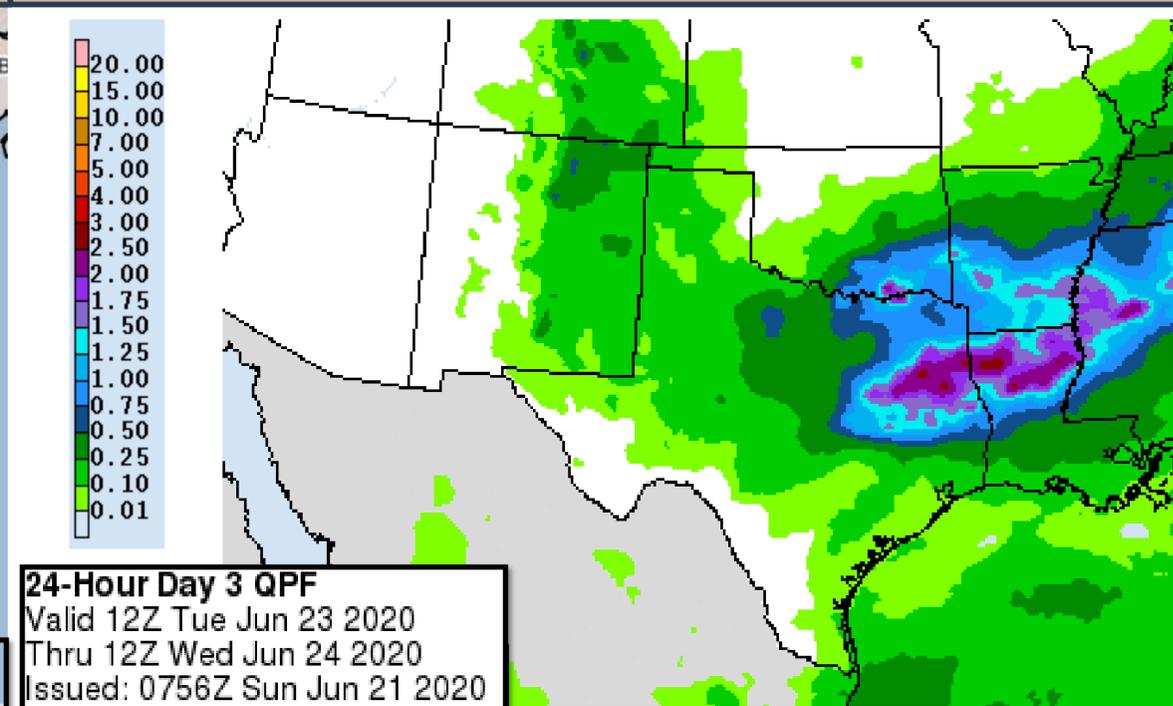
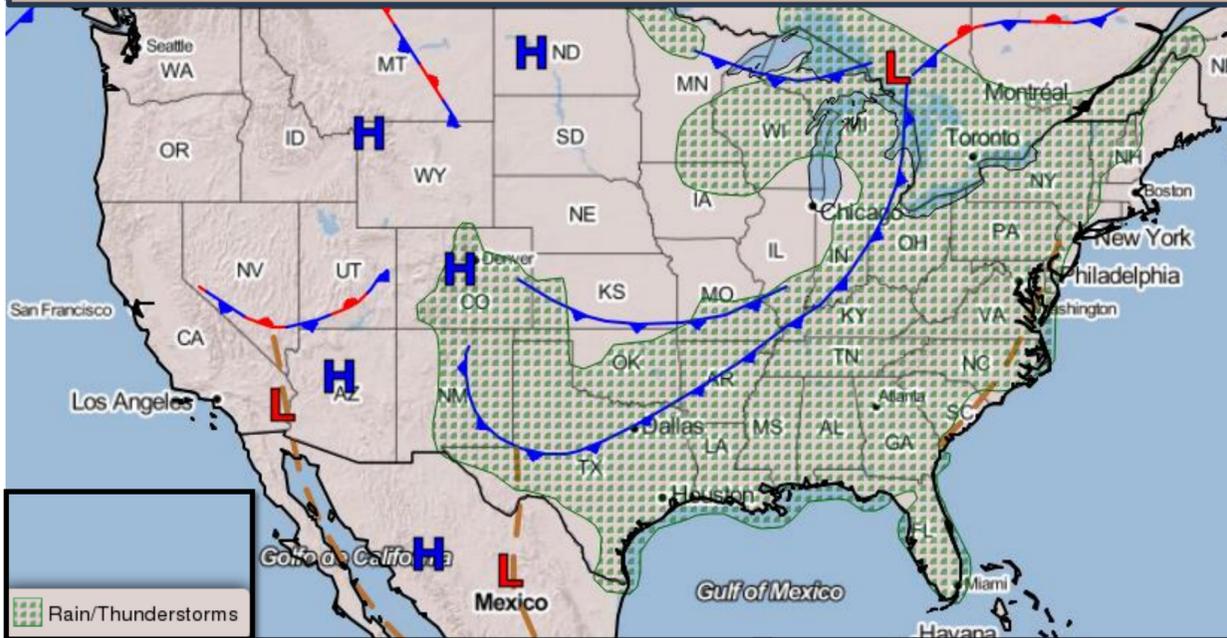
**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

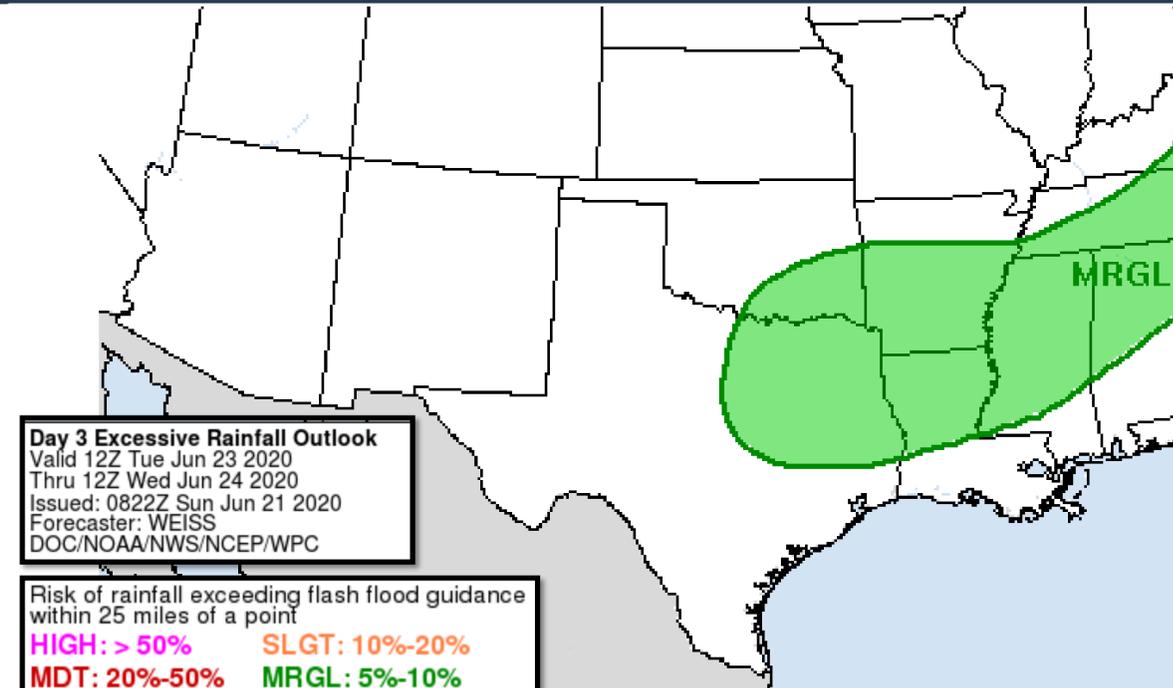
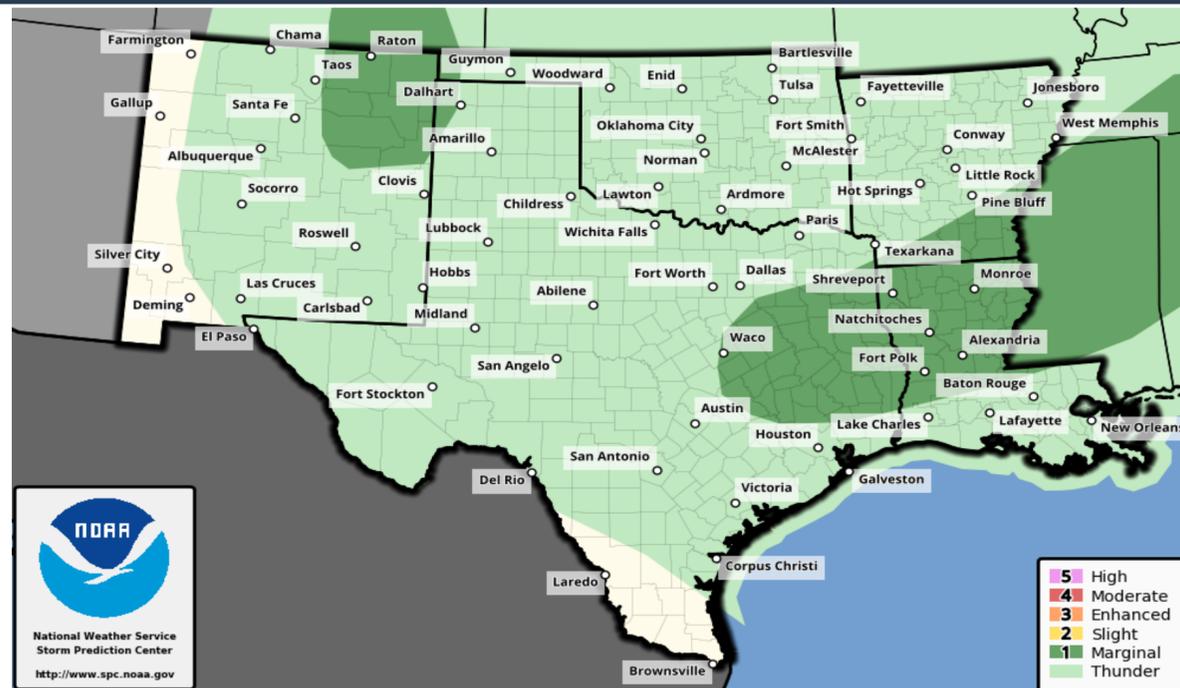
**Isolated severe storms and heavy rain/flash flooding on Tuesday for AR/LA/NE TX/SE OK.**

**Isolated severe storms for NE NM into the western TX/OK Panhandles.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



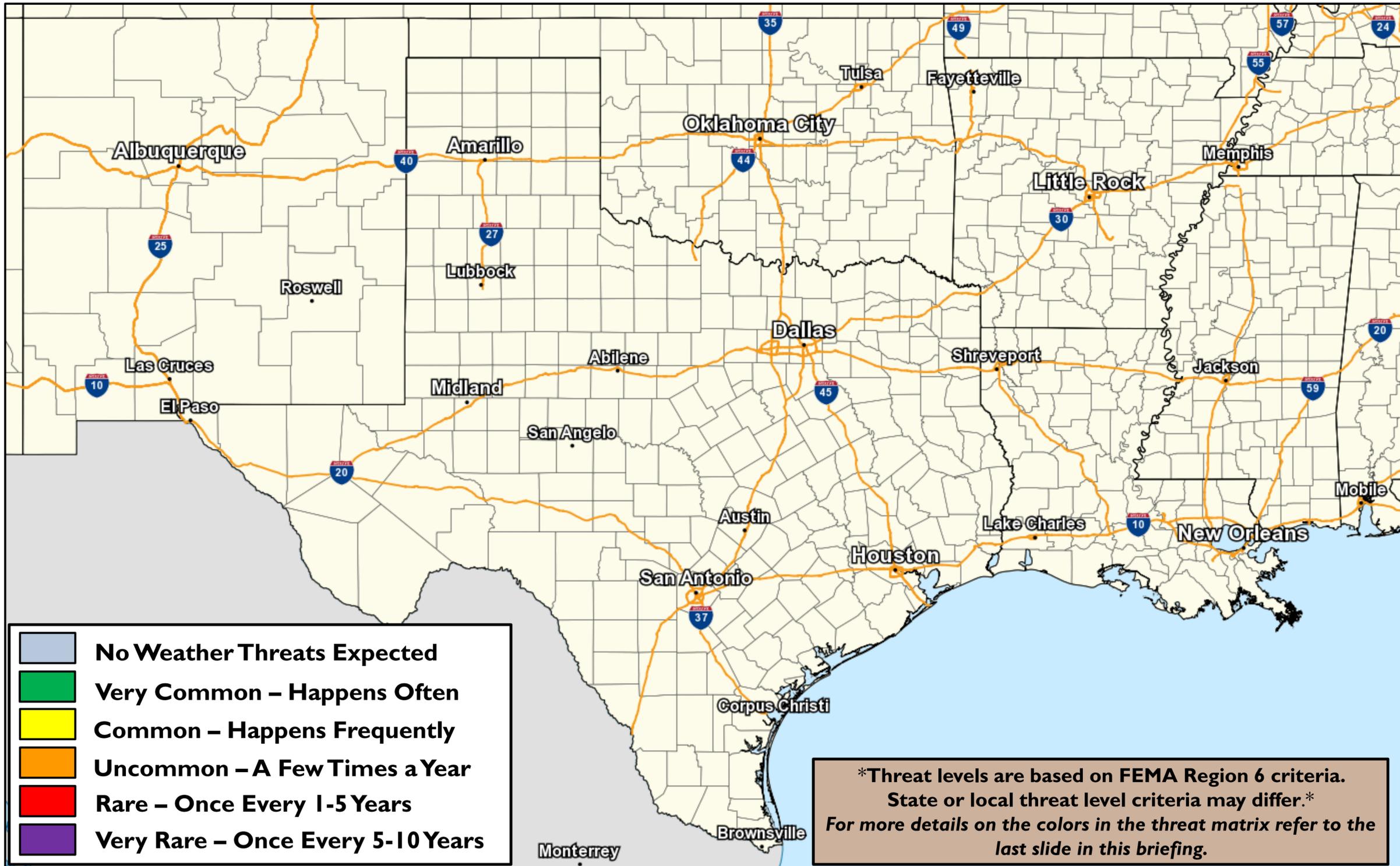
# Days 4-5 Weather Hazards

## Wednesday - Thursday



SR ROC  
REGIONAL OPERATIONS CENTER

No significant weather impacts expected.

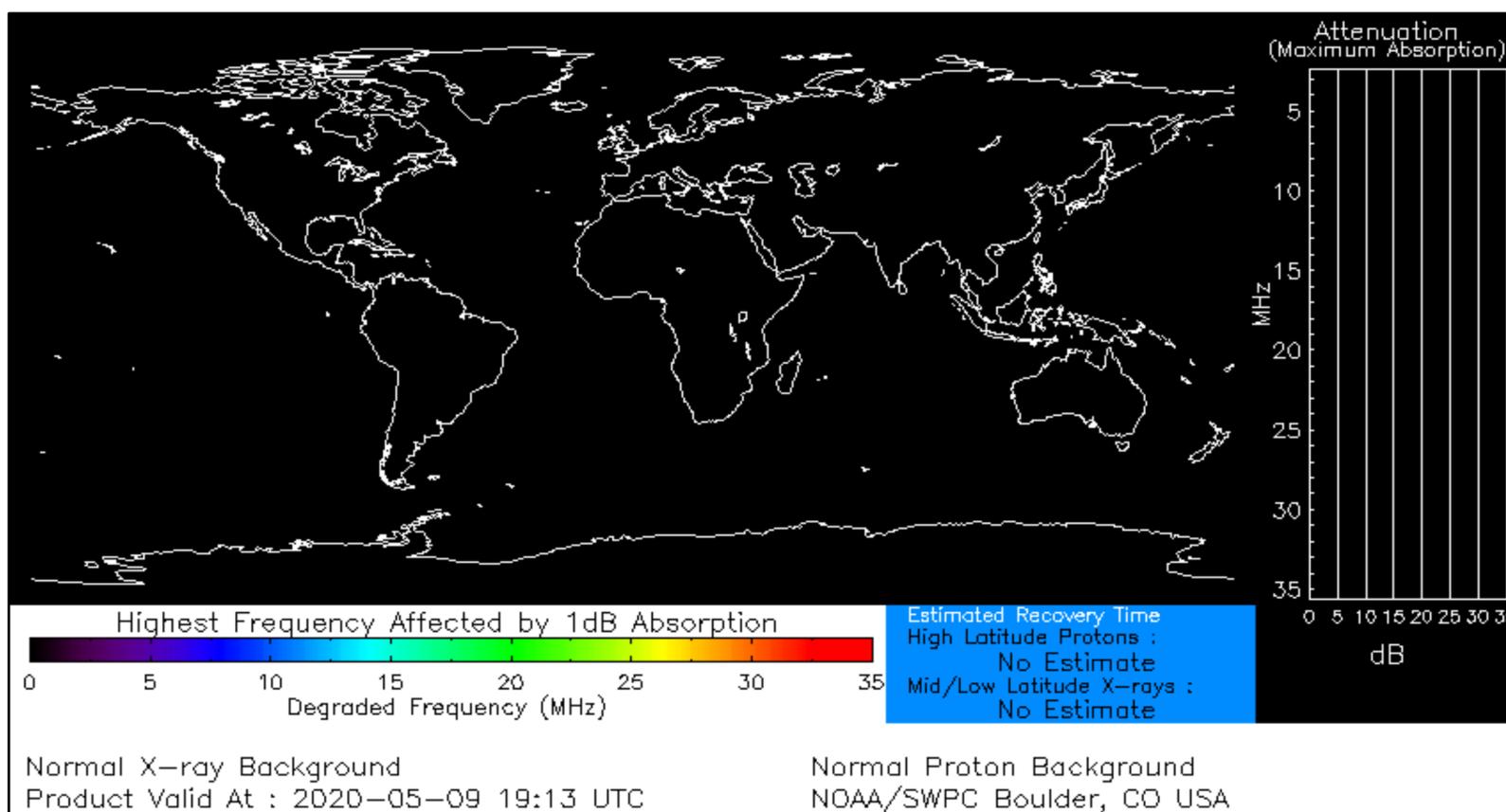


# Space Weather 3-Day Forecast



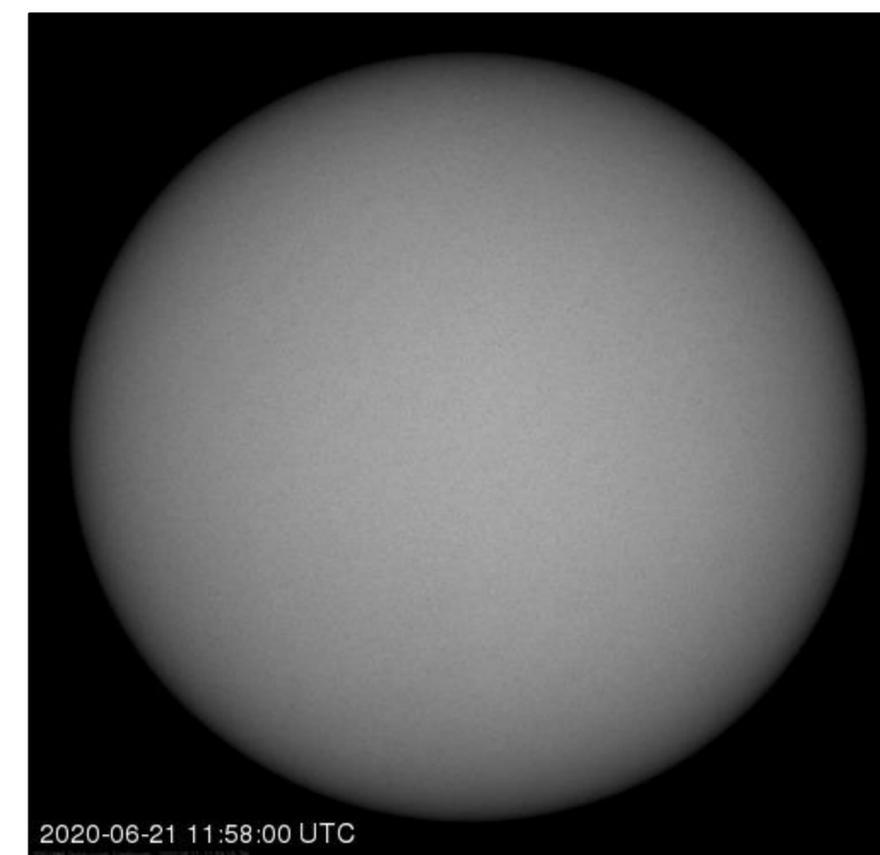
**SR ROC**  
REGIONAL OPERATIONS CENTER

	Sunday	Monday	Tuesday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**



## Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Very Common</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Somewhat Common – Happens Frequently</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Uncommon – A Few Times a Year</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Rare – Once every 1-5 Years</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Very Rare – Once Every 5-10 Years</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).**